

WUXGA Laser ProBeam Projector

BF50NST

Up to 300" Screen

WUXGA (1920 x 1200)

Laser (20,000 hr Lamp Life)

Up To 5000 ANSI Lumens

Lens Shift(Horiz \pm 20%, Vert \pm 50%)

Manual 4 corner keystone

IP control



The BF50NST provides Manual 4 corner keystone, Lens Shift and Zoom 1.6x functionality to enable flexible installation in various business and education environments. You can set the optimal viewing environment to ensure high picture quality for large 100-inch projections even in small spaces.

WUXGA Resolution

The BF50NST projection experience for your business surpasses Full HD with an incredible 2.3 million pixels (1,920 x 1,200) utilizing XPR technology based on Texas Instruments' 4K UHD DLP technology.



Smart Connection

This device provides convenient wireless functionality for collaborative meetings such as screen sharing through wireless mirroring and Bluetooth sound out. You can also browse the internet through the webOS 4.5 web browser.

5,000 ANSI Lumens

The BF50NST provides brightness that delivers bright and clear images regardless of external lighting in large conference rooms. With 5,000 ANSI Lumens and HDR10 picture quality, viewers can experience vivid and immersive presentation experiences.



20,000 Lifetime Hours

The BF50NST projector uses a powerful laser diode that displays bright images and lasts up to 20,000 hours. If you play videos on this projector 8 hours a day, then the laser diode would last for 7 years. No more replacing expensive projector bulbs!

Specifications: BF50NST 4K UHD Laser ProBeam Projector

PROJECTION SYSTEM	Display Type	DLP
	Native Resolution	WUXGA (1920 x 1200)
	Screen Size	40" - 300"
	Projection Image	100"@9.2-14.8ft
	Aspect Ratio	16:9/16:10/Original/4:3/Vertical Zoom/All-Direction Zoom
	Zoom	1.6x
	Lens Shift	Horiz ± 20% Vert ± 50%
	Brightness	Up to 5000 ANSI Lumens**
	Contrast Ratio	3,000,000:1
	Lamp Type	Laser (LD + P/W)
	Lamp Life	Up to 20,000 Hrs
	Noise (Typical)	26 / 27 / 29dB(A)
	HDCP	HDCP2.2
	Trumotion	No
	HDR	HDR10
Digital Keystone Correction	Manual 4 corner keystone	
LG SMART TV	Web Browser	Yes
CONNECTIVITY / WIRELESS	Bluetooth (with Speaker)	Yes
	Screen Share	Yes (with Miracast supporting device)
	Wireless Contents Share	Yes (with iOS, Adroid via TV Plus App, with DLNA supporting device)
AUDIO	Bluetooth sound out	Yes
	Built-in Speakers	10W (5W+5W Stereo)
	Bluetooth AV Sync Adjustment	Yes
INPUTS / OUTPUTS	Audio out	1 (Φ3.5)
	HDMI™	2
	USB Type A	2 (USB2.0)
	RS-232C	Yes
	RJ45	1 (HDBaseT)
	IP Control	Yes
POWER	Power Supply (Voltage/Hz)	100V - 240V @ 50-60 Hz (PSU Built-in)
	Power Consumption	380 W
	Standby Mode	<0.5 W
ACCESSORIES / MANUAL	Remote Control	1 Standard (Battery included)
	Manual	Simple Book
	Warranty Card	Yes
	Power Cord	Yes
DIMENSIONS / WEIGHT	Product (WxHxD)	Without Lens
		14.6" x 6.1" x 11.4"
		14.6" x 5.7" x 11.4" (Without Leg)
		With Lens
		14.6" x 6.1" x 12.8"
	14.6" x 5.7" x 12.8" (Without Leg)	
	Shipping Dimensions (WxHxD)	22.8" x 10.7" x 17.4"
Weight	21.4 lbs	
Shipping Weight	25.4 lbs	
WARRANTY / UPC	Limited Warranty	3 Years
	UPC	7 19192 64155 6

* The Brightness is based on the perceived brightness equivalent to the brightness of lamp projector

** Specifications are subject to change without notice, so please reach LG salesteam to ensure before ordering